

Converting Colors

HunterLab(18.0900, 9.7509,
11.3177)

Have a look what the booklet for
HunterLab(18.0900, 9.7509,
11.3177) contains.

HunterLab(18.1973, 9.7304, 11.3834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.1973, 9.7304,
11.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	522800
RGB	82, 40, 0
RGB Percent	32%, 16%, 0%
CMY	0.6784, 0.8431, 1.0000
CMYK	0.00, 0.51, 1.00, 0.68
HSL	29°, 100%, 16%
HSV	29°, 100%, 32%
XYZ	4.2385, 3.3114, 0.4158
YIQ	47.9980, 37.8720, -3.5360

Conversions

Conversions Part 2

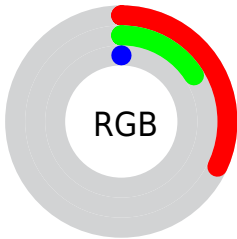
Format	Color
R_YB	82, 78, 0
Decimal	5384192
CIE Lab	21.25, 16.74, 30.69
CIE LCh	21, 34.962, 61.385
Yxy	3.3116, 0.5321, 0.4157
Android (android.graphics.Color)	4283574272 (0xFF522800)
YUV	47.9980, -23.6630, 29.8198
Hunter-Lab	18.1973, 9.7304, 11.3834

Details

The HunterLab color **18.1973, 9.7304, 11.3834** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **15.0499, 1.5455, -22.1471**, and the grayscale version is **17.2592, -0.9209, 0.9377**.

A 20% lighter version of the original color is **34.7779, 10.9648, 17.0372**, and **5.6862, 9.7379, 3.6743** is the 20% darker color. If you saturate the color by 10%, you get **18.1977, 9.7294, 11.3836**, and if you desaturate by 10%, it is **19.0481, 8.2060, 11.1479**.

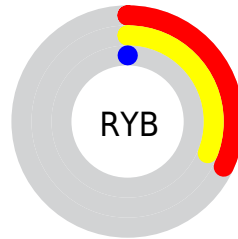
Distribution



Red (32%)

Green (16%)

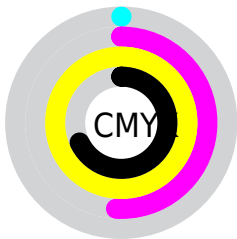
Blue (0%)



Red (32%)

Yellow (31%)

Blue (0%)

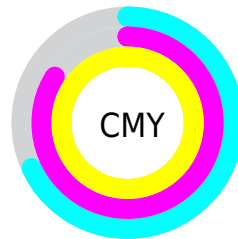


Cyan (0%)

Magenta (51%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1973, 9.7304, 11.3834 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 18.1973, 9.7304, 11.3834 by changing the saturation by 10% instead.

18.1973, 9.7304,
11.3834

18.1973, 9.7304,
11.3834

114.8959, 12.2658,
33.2307

11.3864, 8.8867,
7.9705

34.6726, 10.9532,
16.9474

3.7214, 19.4073,
2.6050

44.1429, 11.3843,
19.5707

0.0000, NaN, NaN

0.0000, NaN, NaN

54.3461, 11.7179,
22.0522

0.0000, NaN, NaN

65.2331, 11.9660,
24.4252


0.0000, NaN, NaN


76.7633, 12.1381,
26.7138


0.0000, NaN, NaN


0.0000, NaN, NaN

88.9026, 12.2416,

 101.6219, 12.2825,
31.1047


 18.1973, 9.7304,
11.3834


 18.1973, 9.7304,
11.3834

 18.1977, 9.7294,
11.3836

 19.0481, 8.2060,
11.1479

 19.9484, 6.6958,
10.9052

 20.9102, 5.2861,
10.4330

 21.9299, 3.9868,
9.7322

 23.0034, 2.8005,
8.8163

■ 24.1268, 1.7258,
7.7016

■ 25.2962, 0.7589,
6.4046

■ 26.5083, -0.1052,
4.9416

■ 27.7597, -0.8727,
3.3280

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.1978, 19.6438, 8.4171



18.1973, 9.7304, 11.3834



18.1978, -1.4569, 12.3540

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.1978, 9.7291, 11.3836



18.1978, -17.0636, 0.5207



18.1978, 10.7673, -24.1777

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.1973, 9.7304, 11.3834



15.0499, 1.5455, -22.1471

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.1978, -0.4819, -30.5199



18.1973, 9.7304, 11.3834



18.1978, -15.1870, -12.1010

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.1978, 9.7291, 11.3836



18.1978, -15.5080, 7.9915



18.1978, -9.6586, -25.1816



18.1978, 20.3324, -10.8012

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.1973, 9.7304, 11.3834



18.1978, -7.7575, 11.8080



18.1978, -9.6586, -25.1816



18.1978, 6.9813, -27.4588

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.1978, 9.7291, 11.3836



33.2582, 1.1323, 8.6561



14.0131, 25.2090, -0.3384



16.3288, 0.7063, 4.5040



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.1978, 9.7291, 11.3836



23.6856, 13.6736, 14.8344



27.6121, -6.9811, 16.8921



14.2521, -0.4923, 1.5877



23.1171, 13.2635, 14.4768



53.8698, 35.6939, 33.8192

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.0499, 1.5455, -22.1471



19.4476, 2.8491, -30.4581



7.9931, 20.3548, -53.9302



14.0905, -0.9820, -0.0851



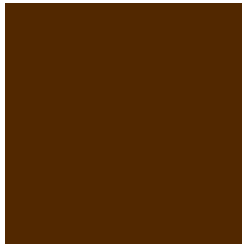
18.9922, 2.7123, -29.5936



43.5736, 10.3931, -76.8990

Previews

White Background



This preview shows how the HunterLab color 18.1973, 9.7304, 11.3834 looks on a white background.

Color Contrast Check

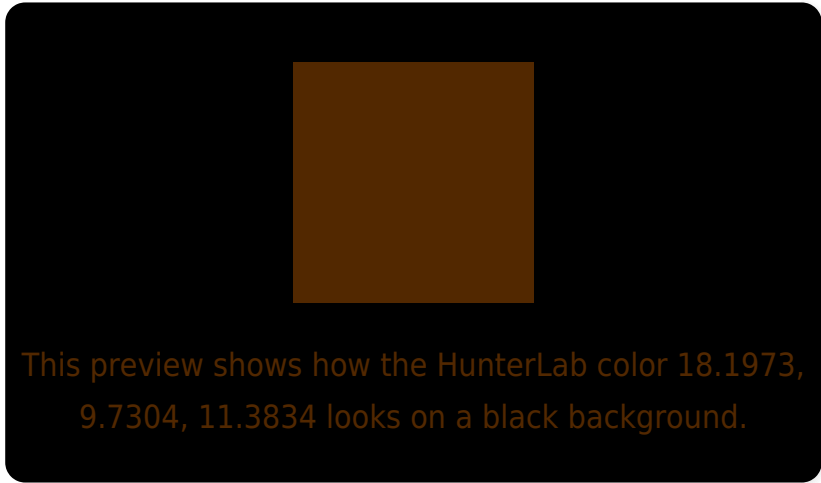
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

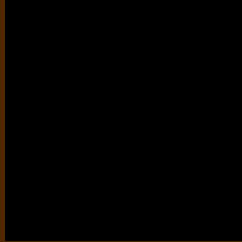
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.1973, 9.7304, 11.3834 Background



This preview shows how black text looks on a background with the HunterLab color 18.1973, 9.7304, 11.3834.



This preview shows how white text looks on a background with the HunterLab color 18.1973, 9.7304,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.1973, 9.7304, 11.3834

Protanopia

18.4422, -2.5597, 10.6729

Deuteranopia

18.3163, 0.5456, 11.2960



Tritanopia

18.2081, 13.3475, 4.9165

Trichromacy



Original Color

18.1973, 9.7304, 11.3834

Protanomaly

18.2098, 1.3984, 10.8713

Deuteranomaly

18.2530, 3.7464, 11.3130

Tritanomaly

18.1533, 11.8493, 8.3896

Monochromacy



Original Color

18.1973, 9.7304, 11.3834

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1358, 1.7751, 6.1048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1973, 9.7304, 11.3834 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(82, 40, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 40, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(82, 40, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 40, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1973, 9.7304, 11.3834 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(82, 40, 0) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(82, 40, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(82, 40, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 40, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 40, 0); box-shadow:4px  
4px 4px 4px rgb(82, 40, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1973, 9.7304, 11.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 40, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(82, 40,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor